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Patent  
Attorney's Docket No. 003277-031

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
Jukka JÄKÄRÄ et al. ) Group Art Unit: Unassigned  
Application No.: 10/018,088 ) Examiner: Unassigned  
Filed: December 14, 2001 )  
For: METHOD TO IMPROVE THE )  
OPACITY OF MECHANICAL PULP BY )  
USING ALIPHATIC PEROXY ACIDS )  
AND USE OF PEROXY ACIDS TO )  
IMPROVE OPACITY )

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicant hereby submits the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The following reference was cited on pages 3-4 in the specification of the above-identified application:

JP 284598;

JP 57-21591;

Tappi publication, Vol. 48, No. 2 (2/1965), W.H. Rapson et al. Paper Bleaching - A New Process, pp. 65-72;

Kemia, No. 3 (1995), Jyri Maunuksela, Mikrobielj torjunta peretikkahapolla (Microbe Prevention with Peracetic Acid), pp. 242-244; and

Pulp and Paper Magazine of Canada, Convention Issue, 1972, pp. 123-131, and by number 3/1968 of the same magazine in pages 51-60

Also enclosed is a copy of the International Search Report issued in connection with the above-identified application. The following references were cited:

U.S. Patent 5,693,185;

Information Disclosure Statement  
Application No. 10/018,087  
Attorney's Docket No. 003277-032  
Page 2

WO 97/22749; and

GB 1,119,546.

Also enclosed is a reference cited in the International Preliminary Examination Report: Dence, C.W., et al., "Pulp Bleaching - Principles and Practice", 1<sup>st</sup> edn, Tappi Press, 1996, p. 477.

The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or statement is required under 37 C.F.R. § 1.97(b).

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTORNEY'S DKT NO. 003277-031	APPLICATION NO. 10/018,088
APPLICANT Jukka JÄKÄRÄ et al.	
FILING DATE December 14, 2001	GROUP Unassigned

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	No
	1,119,546		Great Britain	07-10-1968	X	
	2-84598		Japan	03-26-1990		X
	57-21591		Japan	02-04-1982	X	
	97/22749		PCT	06-26-1997	X	

## NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	Tappi publication, Vol. 48, No. 2 (2/1965), W.H. Rapson et al. Paper Bleaching – A New Process, pp. 65-72		
	Kemia, No. 3 (1995), Jyri Maunuksela, Mikrobiens torjunta peretikkahapolla (Microbe Prevention with Peracetic Acid), pp. 242-244		
	Pulp and Paper Magazine of Canada, Convention Issue, 1972, pp. 123-131, and by number 3/1968 of the same magazine in pages 51-60		
	Dence, C.W., et al., "Pulp Bleaching - Principles and Practice", 1 <sup>st</sup> edn, Tappi Press, 1996, p. 477		
Examiner Signature		Date Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231